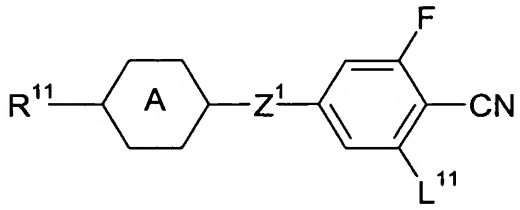
ABSTRACT

The invention relates to energy-saving liquid-crystalline media, in particular in twisted nematic (TN) and supertwisted nematic (STN) liquid-crystal displays, having very short response times and good steepnesses and angle dependences, and to electro-optical display devices containing these media and to the use of these media in electro-optical display devices, where the media comprise:

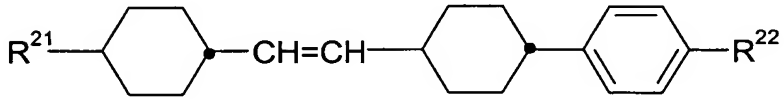
- a component (α) which comprises at least one compound of the formula I



I

and

- a component (β) which comprises at least one compound of the formula II



II

where the following applies for the dielectric anisotropy $\Delta\varepsilon_{corr}$ of the liquid-crystalline medium:

$$\Delta\varepsilon_{corr} \leq \frac{5 \cdot V_{10} + 32}{V_{10}^{2}} \qquad (1).$$